



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

**NOTICE OF ALLOWANCE AND ISSUE FEE DUE**

22M2/0112

JENKENS AND GILCHRIST  
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APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
08/594,983	01/31/96	027	GREGORY, B 2202	01/12/98
First Named Applicant	CURRY, STEPHEN M.			

TITLE OF METHOD, APPARATUS, SYSTEM AND FIRMWARE FOR SECURE TRANSACTIONS INVENTION

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
2 20661/457	380-025.000	W29	UTILITY	NO	\$1320.00	04/13/98

**THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED.**

**THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.**

**HOW TO RESPOND TO THIS NOTICE:**

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the Patent and Trademark Office of the change in status, or
- B. If the status is the same, pay the FEE DUE shown above.

If the SMALL ENTITY is shown as NO:

- A. Pay FEE DUE shown above, or
- B. File verified statement of Small Entity Status before, or with, payment of 1/2 the FEE DUE shown above.

II. Part B-Issue Fee Transmittal should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B Issue Fee Transmittal should be completed and returned. If you are charging the ISSUE FEE to your deposit account, section "4b" of Part B-Issue Fee Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give application number and batch number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.**

PATENT AND TRADEMARK OFFICE COPY

# Notice of Allowability

Application No.  
08/594,983

Applicant(s)  
Stephen M. Curry et al.

Examiner  
Bernarr Earl Gregory

Group Art Unit  
3642



All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course.

☒ This communication is responsive to Amendment C of 12/17/97.

☒ The allowed claim(s) is/are 1-27.

☐ The drawings filed on \_\_\_\_\_ are acceptable.

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some\* ☐ None of the CERTIFIED copies of the priority documents have been  
☐ received.

☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_.

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_.

☒ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE **THREE MONTHS** FROM THE "DATE MAILED" of this Office action. Failure to timely comply will result in ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.

☒ Applicant MUST submit NEW FORMAL DRAWINGS

☒ because the originally filed drawings were declared by applicant to be informal.

☐ including changes required by the Notice of Draftsperson's Patent Drawing Review, PTO-948, attached hereto or to Paper No. \_\_\_\_\_.

☐ including changes required by the proposed drawing correction filed on \_\_\_\_\_, which has been approved by the examiner.

☐ including changes required by the attached Examiner's Amendment/Comment.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the reverse side of the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

☐ Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any response to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE/SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

## Attachment(s)

☐ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). \_\_\_\_\_

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

☐ Interview Summary, PTO-413

☐ Examiner's Amendment/Comment

☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

☒ Examiner's Statement of Reasons for Allowance

*Bernarr E. Gregory*

**BERNARR E. GREGORY**  
**PRIMARY EXAMINER**  
**GROUP 2200**

A.U. 3642

TEL: (703) 306-4153

Art Unit: 3642

1. The following is an examiner's statement of reasons for allowance:

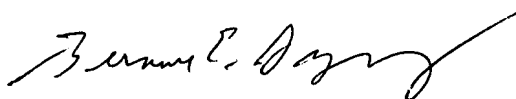
None of the prior art of record either taken alone or taken in any possible combination would anticipate or would tend to render obvious Applicants' claimed "electronic data carrier ..." as set forth in independent claim 1 that is particularly characterized, at least, by the "math coprocessor circuitry ..."; the "microprocessor circuitry ..."; and, the "memory circuitry electrically connected to ..." taken together and taken in the overall context of independent claim 1. None of the prior art of record either taken alone or taken in any possible combination would anticipate or would tend to render obvious Applicants' claimed "system for communicating ..." as set forth in independent claim 6 that is particularly characterized, at least, by the "first transaction group ..." and the "means for combining ..." taken together and taken in the overall context of independent claim 6. None of the prior art of record either taken alone or taken in any possible combination would anticipate or would tend to render obvious Applicants' claimed "method of communicating encrypted information ..." as set forth in independent claim 12 that is particularly characterized, at least, by method steps a), d), e), and f) taken together and taken in the overall context of independent claim 12. None of the prior art of record either taken alone or taken in any possible combination would anticipate or would tend to render obvious Applicants' claimed "method of communicating encrypted information ..." as set forth in independent claim 17 that is particularly characterized, at least, by method steps a), d), e), and f) taken together and taken in the overall context of independent claim 17. None of the prior art of record either taken alone or taken in any possible combination would anticipate or would tend to render obvious Applicants'

Art Unit: 3642

claimed "method of decrypting encrypted data ..." as set forth in independent claim 21 that is particularly characterized, at least, by method steps of "decrypting said first encrypted data with ..."; "providing said first decryption key ..."; and, "decrypting said second encrypted data ..." taken together and taken in the overall context of independent claim 21. Dependent claims 2-5, 7-11, 13-16, 18-20, and 22-27 are allowable over the prior art of record for at least the reasons for which their respective independent base claims are allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bernarr Gregory whose telephone number is (703) 306-4153.



**Bernarr E. Gregory**  
**Primary Examiner**  
**Art Unit 3642**

beg  
January 9, 1998